

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042519\
 Data File : VX009162.D
 Acq On : 25 Apr 2019 15:09
 Operator : JC/SP
 Sample : K2555-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-10

Quant Time: Apr 26 10:11:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	304249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126546	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144989	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.50	113	106348	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	8.71	98	438488	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.13	95	144494	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	

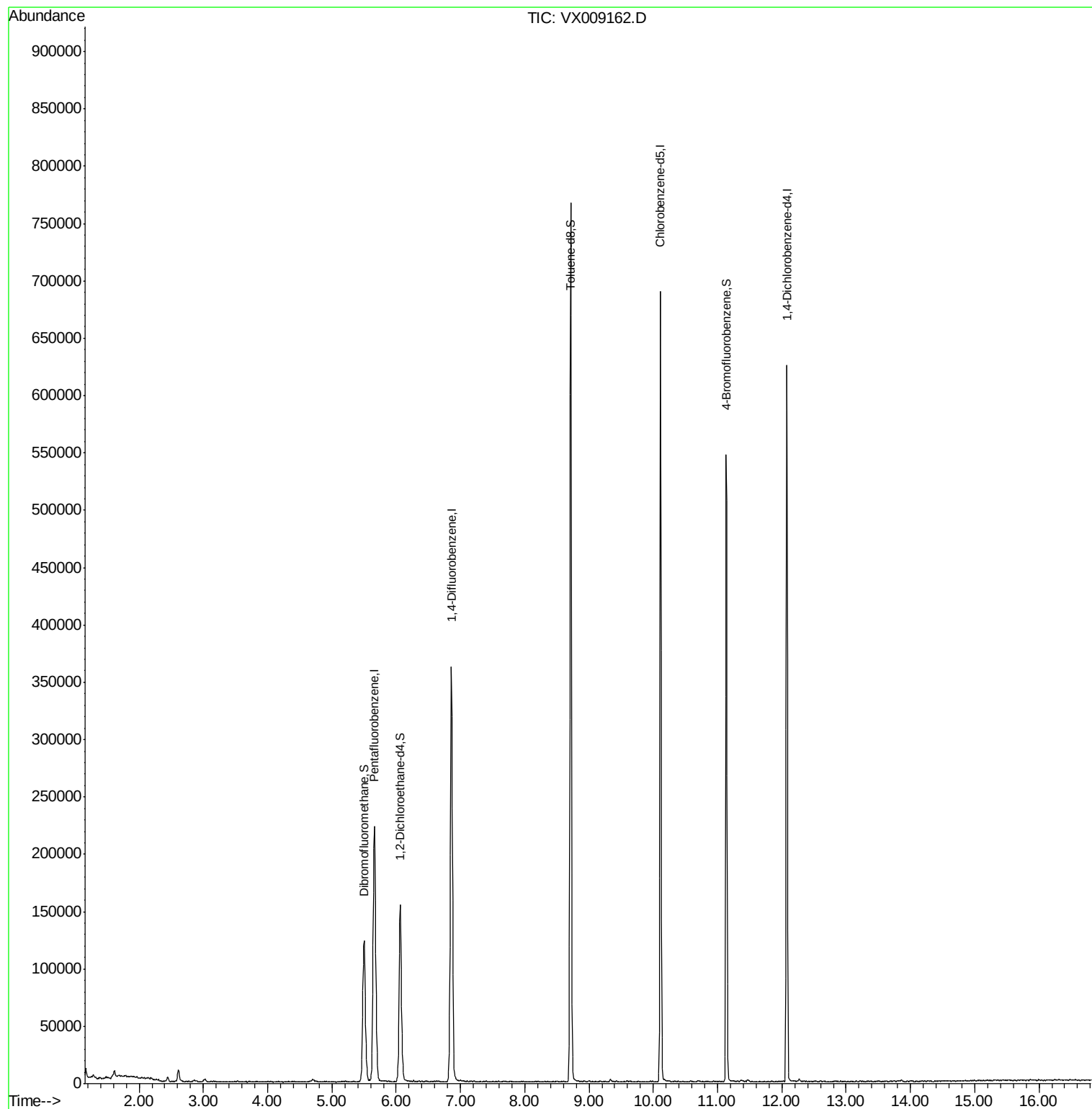
Target Compounds	Qvalue

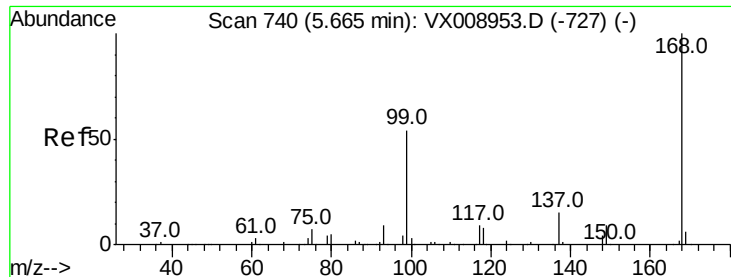
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009162.D

Acq: 25 Apr 2019 15:09

Instrument :

MSVOA_X

ClientSampled :

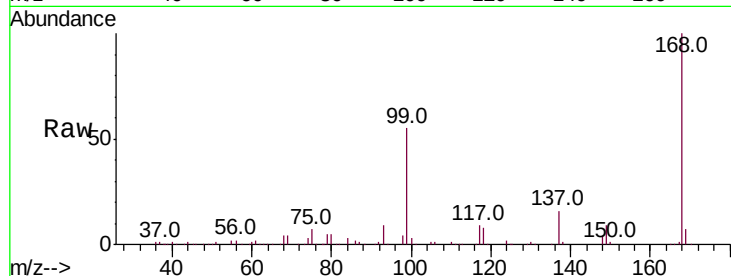
HW-10

Tot Ion:168 Resp: 216538

Ion Ratio Lower Upper

168 100

99 55.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

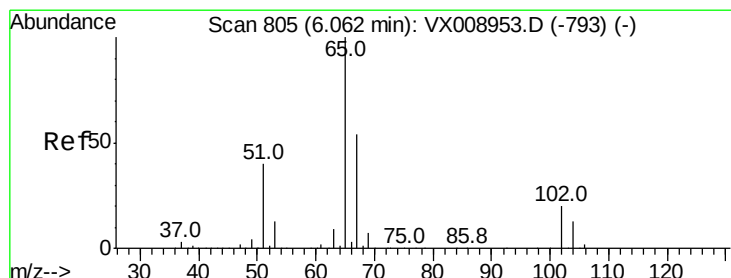
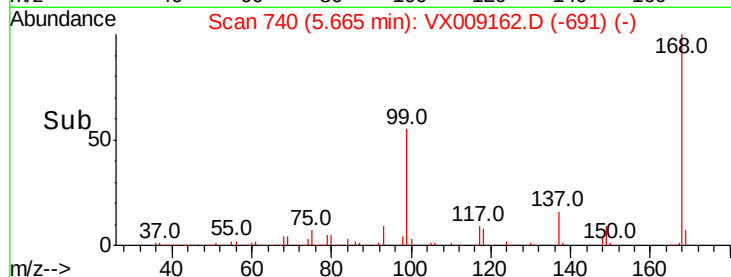
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.512 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009162.D

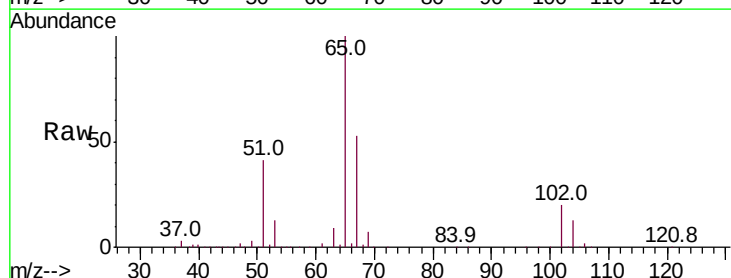
Acq: 25 Apr 2019 15:09

Tgt Ion: 65 Resp: 144989

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

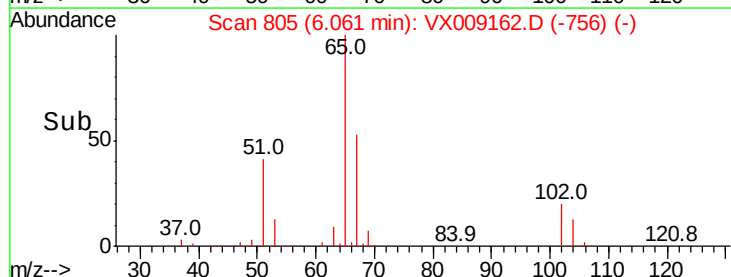
30000

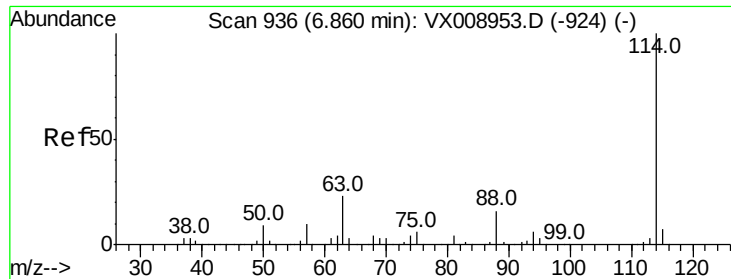
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

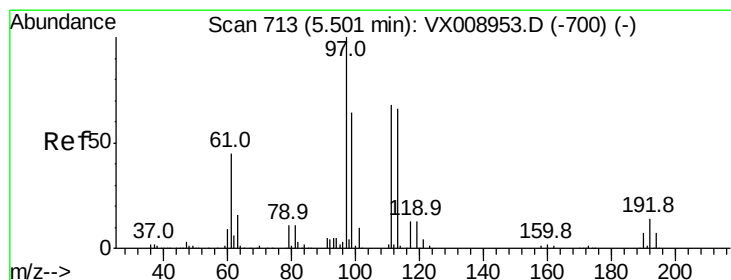
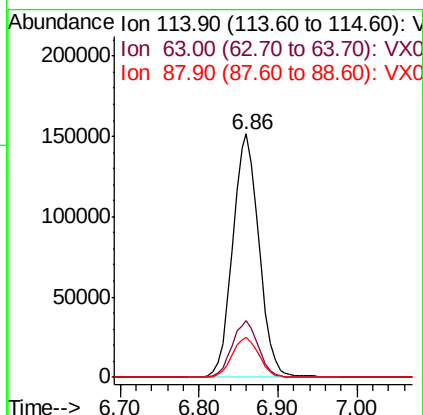
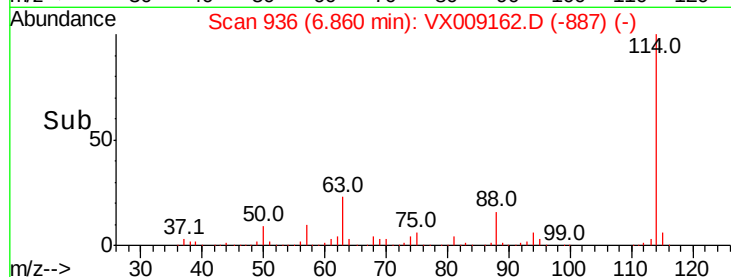
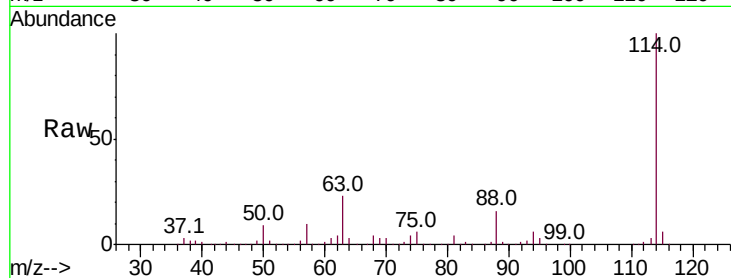




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009162.D
 Acq: 25 Apr 2019 15:09

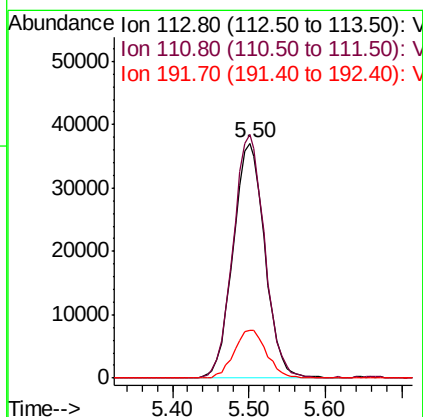
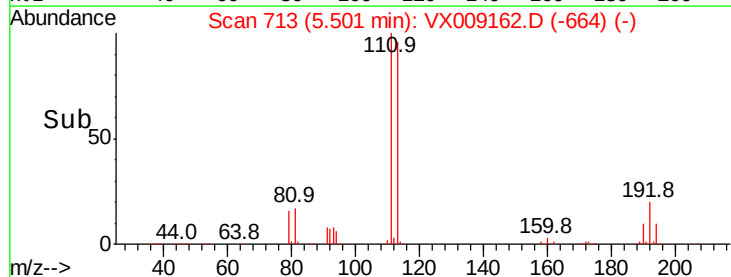
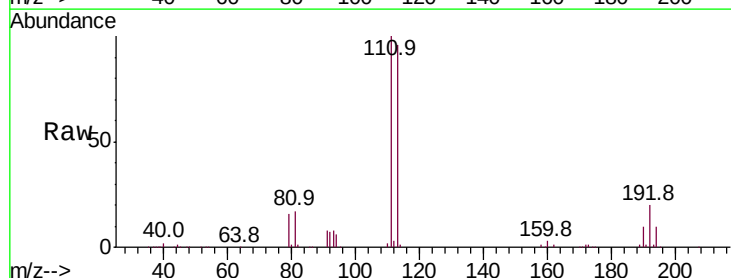
Instrument :
 MSVOA_X
 ClientSampleId :
 HW-10

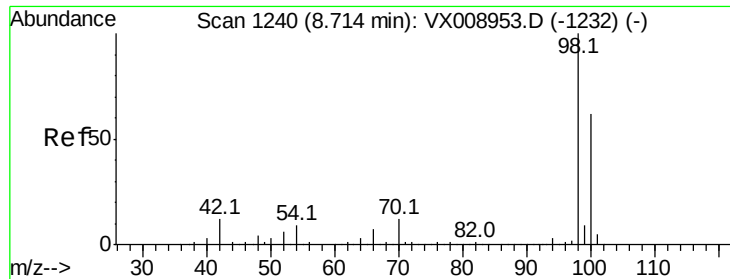
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	46.0
88	16.3	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 47.164 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009162.D
 Acq: 25 Apr 2019 15:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.9	17.4	26.0

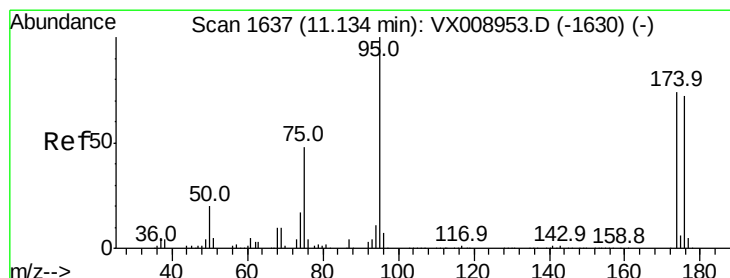
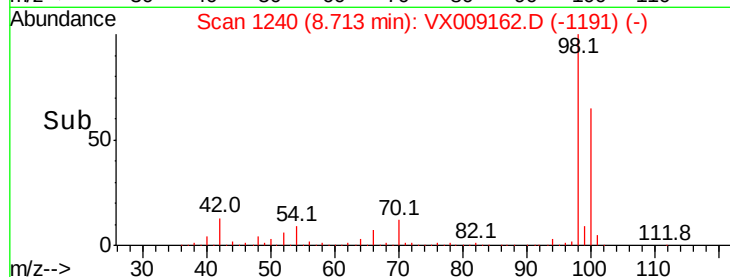
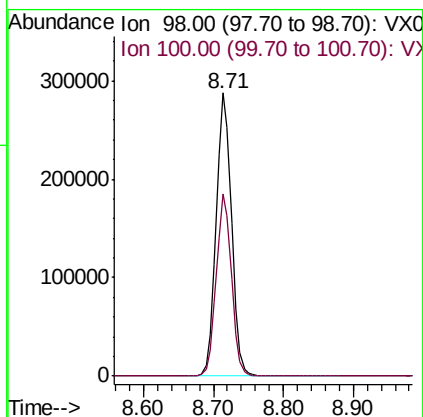
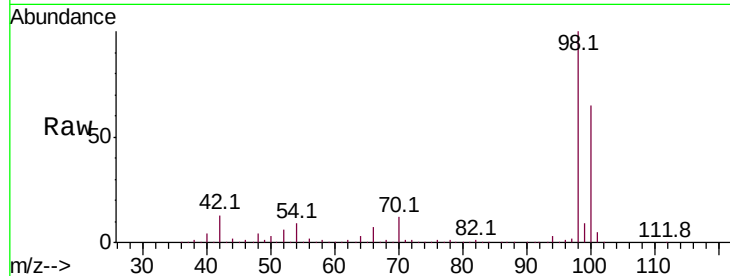




#50
Toluene-d8
Concen: 48.762 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009162.D
Acq: 25 Apr 2019 15:09

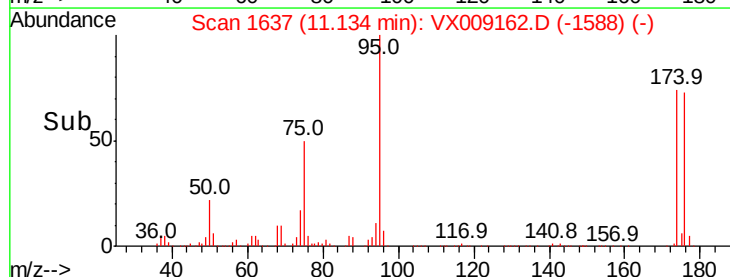
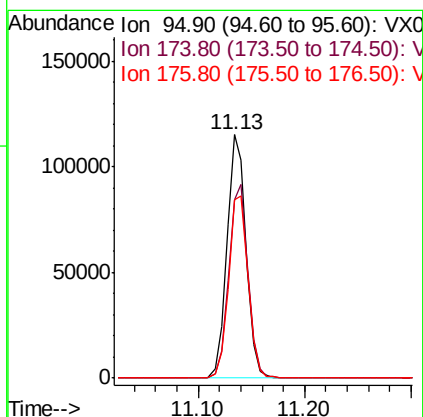
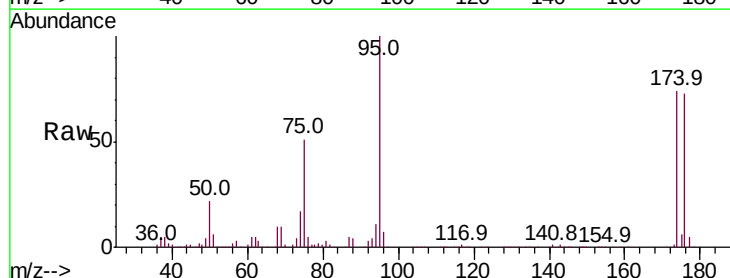
Instrument :
MSVOA_X
ClientSampleId :
HW-10

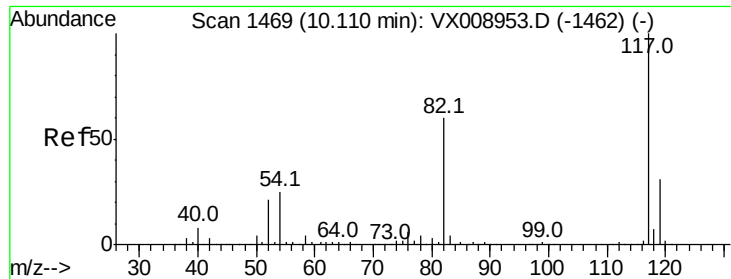
Tot Ion: 98 Resp: 438488
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.519 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009162.D
Acq: 25 Apr 2019 15:09

Tgt Ion: 95 Resp: 144494
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.6
176 76.6 0.0 154.8

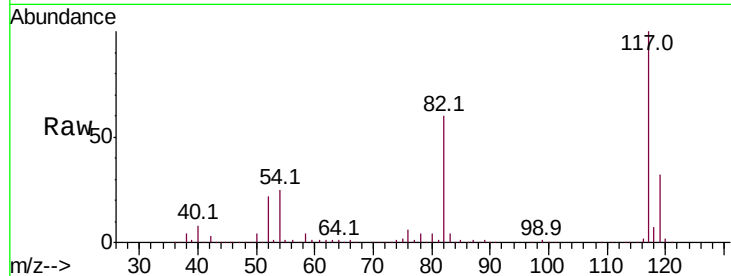




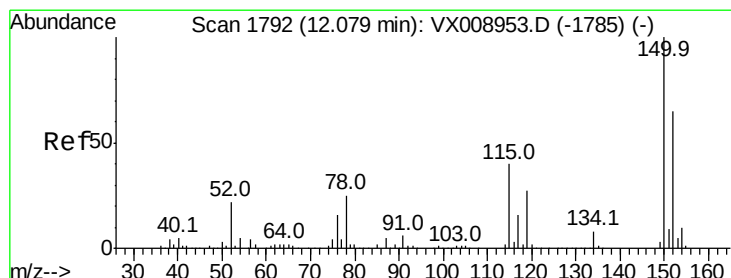
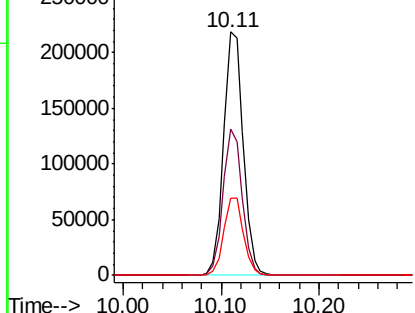
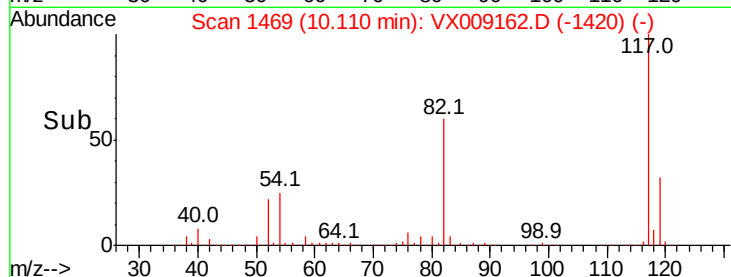
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009162.D
Acq: 25 Apr 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
HW-10

Tot Ion:117 Resp: 304249
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 31.6 25.0 37.6

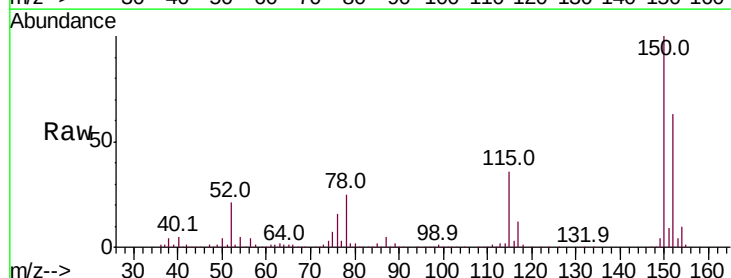


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009162.D
Acq: 25 Apr 2019 15:09

Tgt Ion:152 Resp: 126546
Ion Ratio Lower Upper
152 100
115 59.0 41.4 124.2
150 157.3 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

